



<b>FORM PTO-1449</b> <b>INFORMATION DISCLOSURE CITATION</b>		Attorney Docket: 4208-4157	Serial No.: 10/662,364
		Applicant(s): Juha SALOKANNEL, et al.	Examiner: to be assigned
		Filing Date: September 16, 2003	Group Art Unit: 2681

**U.S. PATENT DOCUMENTS**

Examiner Initial		Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

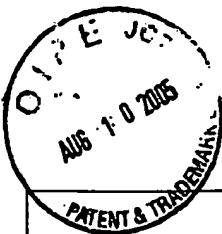
**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Patent Number	Publication Date	Country	Class	Sub-Class	Translation
<i>BB</i>	AJ	WO 2003/090487 A1	10/30/03	WIPO	<i>H04 K 2/12</i>	<i>12/20</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>BB</i>	AK	EP 1324540 A2	7/2/03	EPO	<i>H04 L</i>	<i>12/28</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	AL						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AM						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AN						<input type="checkbox"/> Yes <input type="checkbox"/> No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, etc.)**

	AO	
	AP	
	AS	

Examiner	<i>J. Salo</i>	Date Considered
<b>EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.		



## FORM PTO-1449

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2681

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AA						
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AE						
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AH						
AI						

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation
AJ	WO 2004/107655 A1	12/09/04	WIPO	404L	12/28	<input type="checkbox"/> Yes <input type="checkbox"/> No
AK	WO 02/089391 A1	11/07/02	WIPO	404L	5/14	<input type="checkbox"/> Yes <input type="checkbox"/> No
AL						<input type="checkbox"/> Yes <input type="checkbox"/> No
AM						<input type="checkbox"/> Yes <input type="checkbox"/> No
AN						<input type="checkbox"/> Yes <input type="checkbox"/> No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, etc.)

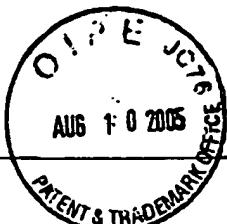
	AO	"Draft Standard for Telecommunications and Information Exchange Between Systems—LAN/MAN Specific Requirements," Institute of Electrical and Electronics Engineers, Inc., Draft P802.15.3/D17-pre, February 2003.
	AP	
	AS	

Examiner

Date Considered

6/9/06

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## RELATED CASE SUBMISSION

Attorney Docket:  
4208-4157

Serial No.:  
10/662,364

Applicant(s):  
Juha SALOKANNEL, et al.

Examiner:  
To be assigned

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Group Art Unit:  
2681

### RELATED PENDING APPLICATIONS

Examiner Initial		Serial No.	Filing Date	Inventor(s)	Publication No. or Patent No. (if applicable)	Publication Date or Issue Date (if applicable)
<i>J</i>	1	10/704,744	11/12/2003	Salokannel, et al.	2005/0075084A1	4/07/2005
<i>J</i>	2	11/169,765	6/30/2005	Reunamäki, et al.	—	—
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Examiner

Date Considered

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<b>FORM PTO-1449</b> <b>INFORMATION DISCLOSURE CITATION</b>	Attorney Docket: 4208-4157 (Nokia28972)	Serial No.: to be assigned
	Applicant(s): Juha Salokannel et al.	Examiner: to be assigned
	Filing Date: September 16, 2003	Group Art Unit: to be assigned

**U.S. PATENT DOCUMENTS**

Examiner Initial		Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date
<i>BB</i>	AA	6,381,467 B1	4/30/2003	Hill et al.	455	519	
<i>BB</i>	AB	US 2001/0012757 A1	8/9/2001	Boyle	<i>5755</i>	<i>538</i>	3/1/2001
<i>BB</i>	AC	US 2003/0152059 A1	8/14/2003	Odman	<i>370</i>	<i>338</i>	1/22/2003
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Patent Number	Publication Date	Country	Class	Sub-Class	Translation
<i>BB</i>	AJ	EP 1 223 715 A1	7/17/2002	Europe	<i>1704L</i>	<i>12/35</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>BB</i>	AK	EP 1 176 762 A1	1/30/2002	Europe	<i>1704L</i>	<i>12/28</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	AL						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AM						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AN						<input type="checkbox"/> Yes <input type="checkbox"/> No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, etc.)**

<i>BB</i>	AO	Fabrice Legrand, et al., "U.C.A. N.'s Ultra Wide Band System: MAC and Routing Protocols," Manuscript received April 25, 2003, for European funded U.C.A.N. project, part of the IST program (IST-2001-32710).
<i>BB</i>	AP	"Trade-Off Analysis (802.11e versus 802.15.3 QoS mechanism)," White Paper, Xtremespectrum, July 2002.
<i>BB</i>	AS	"The Optimum MAC/PHY Combination for Multimedia Consumer Applications," White Paper, Xtremespectrum, September 2001.

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